

Special Issue

Molecular Insight into the Processing and Characterization of Animal Fats and Vegetable Oils

Message from the Guest Editor

Animal fats and vegetable oils belong to the portfolio of important raw materials not only for the food industry, but are also used in non-food sectors such as the pharmaceutical, cosmetic and leather industries. A significant share is represented by fats and their wastes originating from untraditional animal fats and vegetable oils, including by-products. Current trends in the processing of raw materials significantly point towards compliance with the principles of the circular economy with respect to the environment.

The purpose of this Special Issue is to provide a representative and up-to-date overview of nutritional and molecular research on fats, processing of fats, oils and their wastes aimed at the preparation of products for common and advanced applications. The research focusing on the impact of fats and fatty acids on heart diseases, cancer or intestinal diseases, as well as the potential of omega-3 fatty acids in medical therapies are welcomed. Authors are encouraged to publish results on the preparation of second-generation biofuels as well.

Guest Editor

Prof. Dr. Pavel Mokrejš

Department of Polymer Engineering, Faculty of Technology, Tomas Bata University in Zlín, Vavrečkova 275, 760 01 Zlín, Czech Republic

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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